

AMENDMENTS TO THE CLAIMS

1.-49. (Cancelled)

50. (New) An optical disk containing digital video information obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data:

said digital video information comprising video data units, each of said video data units comprising a sequence of said I-picture data, said P-picture data and said B-picture data,

wherein each of said video data units has a control data packet located before said video data unit, said control data packet containing control information for presenting said digital video information,

wherein said control information includes start address of a previous video data unit and a next video data unit.

51. (New) An apparatus for reproducing digital video information contained in an optical disk according to claim 50, wherein said control information is used to present said digital video information.

52. (New) A method for reproducing digital video information contained in an optical disk according to claim 50, wherein said control information is used to present said digital video information.

53. (New) A method for recording digital video information on a recording medium, said digital video information being obtained by coding a digital video signal using motion compensation prediction, said digital video information comprising intra-coded I-picture data, predictive-coded P-picture data and bidirectionally predictive-coded B-picture data, said method comprising:

forming video data units, each of said video data units comprising a sequence of said I-picture data, said P-picture data and said B-picture data,

creating control data containing control information for presenting said digital video information, said control data including start address of a previous video data unit and a next video data unit,

forming a system stream comprising said video data units, each of said video data units having said control data, and

recording said system stream on said recording medium.

54. (New) An optical disk containing digital video information recorded by a method according to claim 53.